



Specifically to study and Plot VI Characteristics of A Power MosFet. The board is absolutely self contained.

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

01. To study and Plot VI Characteristic of a Power MosFet.
02. Switching Characteristic of a Power MosFet.

Features:

The board consists of the following built-in parts:

01. IC regulated power supply 0-10V at 30mA.
 02. IC regulated power supply 0-60V at 200mA.
 03. Digital DC voltmeter ranges 0-20V.
 04. Digital DC voltmeter ranges 0-200V.
 05. Digital DC Ammeter with selectable switch range 0-2/20mA.
 06. Power MosFet.
 07. Adequate nos. of other electronic components.
 08. Mains ON/OFF switch & Fuse.
 09. The unit is operative on 230V \pm 10% at 50Hz.
- * Adequate no. of patch cords stackable 4 mm spring loaded plug length ½ metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required:

- * Dual Trace Cathode Ray Oscilloscope 20 MHz
- * Function Generator.

Note: Specifications are subject to change.

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